



FEMA

Disclaimer: The purpose of this briefing is to provide a ***Regional*** weather threat assessment and is meant as a general overview. County/Parish decision makers should consult their local NWS forecast offices for the latest detailed, local weather information. To find your local NWS forecast office, go to <http://www.srh.noaa.gov> and click on the "Weather Forecast Offices" tab and click on the map for your area.

FEMA Region 6 Weather Threat Briefing

Monday, October 17, 2016
Issued: 0800 CT

Day 1 Weather Hazards: *Elevated to Critical Fire Weather Conditions in NE NM into the TX/OK Panhandles.*

River Flood Hazards: *Minor river flooding on the Nueces near Tilden in S TX.*

National Weather Service

Southern Region Headquarters
Regional Operations Center
Fort Worth, TX



Prepared by: Mark Wiley
817-978-1100 x 147

Key Points



Today - Tuesday

- Elevated to Critical Fire Weather Conditions in northeast NM into the TX/OK Panhandles as well as W TX and W OK possible through Tuesday
- The Nueces River near Tilden will drop below minor flood stage later today

Wednesday - Friday

- Cold front moves from west to east across the Region increasing the chance for showers/thunderstorms over the eastern and southern portions of the Region
- Severe weather/flooding not expected at this time

Tropical Outlook

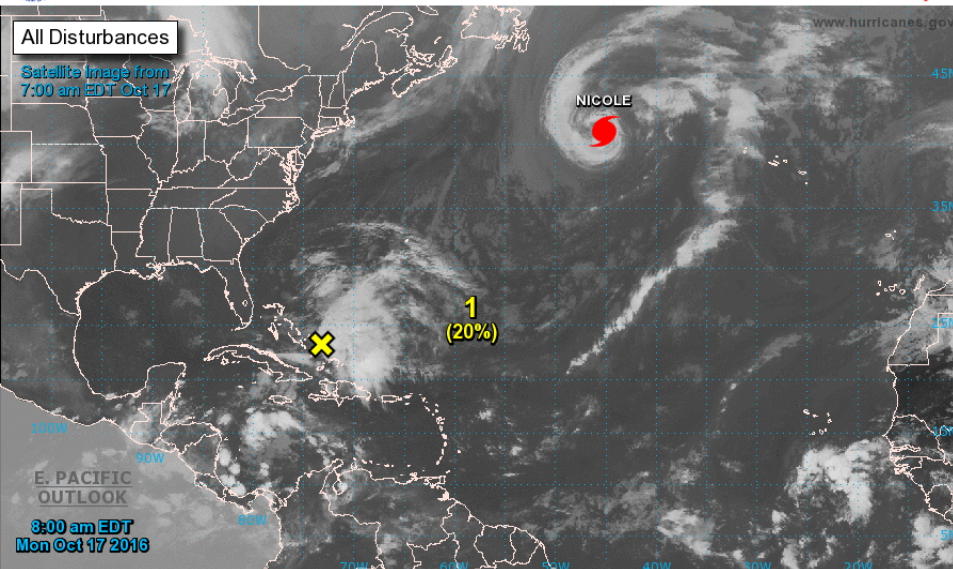
- An area of low pressure continues to generate showers/thunderstorms over the Bahamas
- No impacts to FEMA R6
- Tropical formation chances through 48 hours...20 percent
- Tropical formation chances through 5 days...50 percent.

Tropical Weather Outlook



Two-Day Graphical Tropical Weather Outlook

National Hurricane Center Miami, Florida



Current Disturbances and Two-Day Cyclone Formation Chance: < 40% 40-60% > 60%

Tropical or Sub-Tropical Cyclone: Depression Storm Hurricane

Post-Tropical Cyclone Remnants

A trough of low pressure is generating showers/thunderstorms over the Bahamas.

No impact to FEMA 6

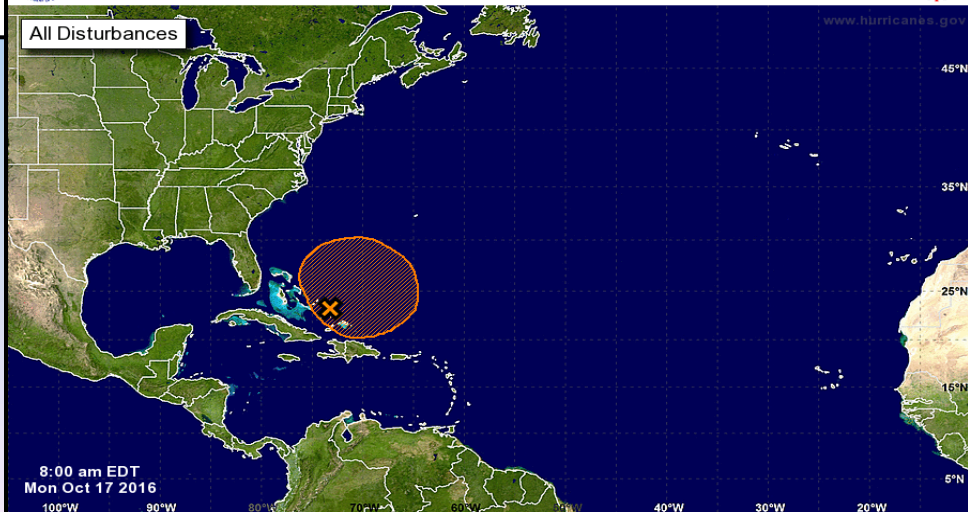
Formation chances through 48 hours...20 percent.

Formation chances through 5 days...50 percent.



Five-Day Graphical Tropical Weather Outlook

National Hurricane Center Miami, Florida



Tropical Cyclone Formation Potential for the Five-Day Period Ending at 8:00 am EDT Sat Oct 22 2016

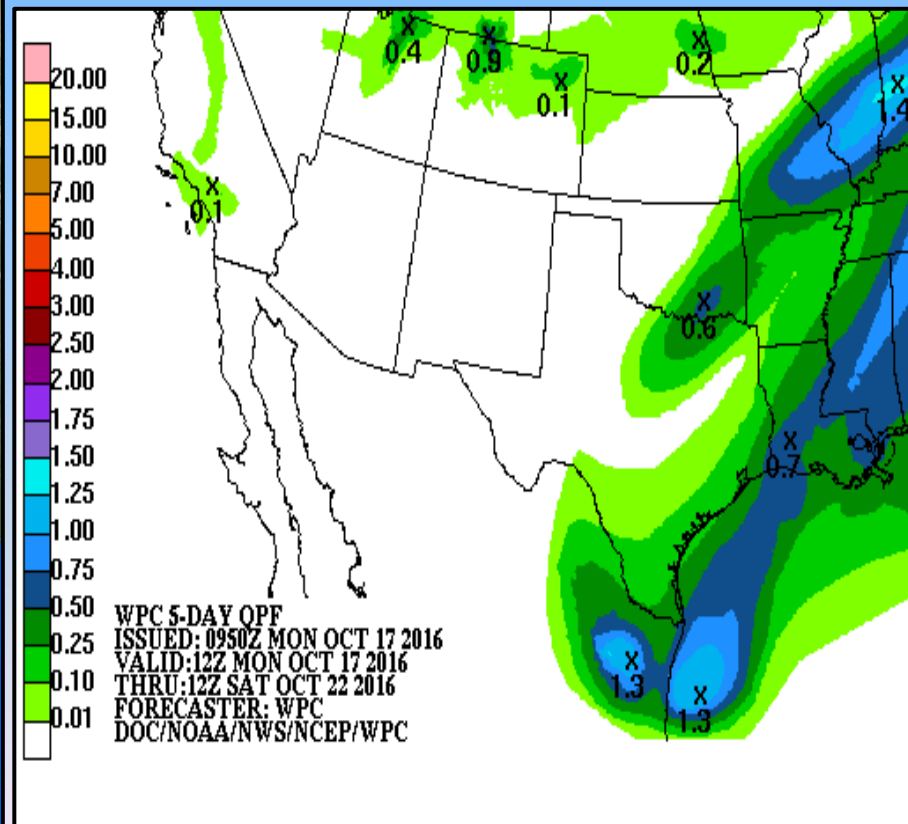
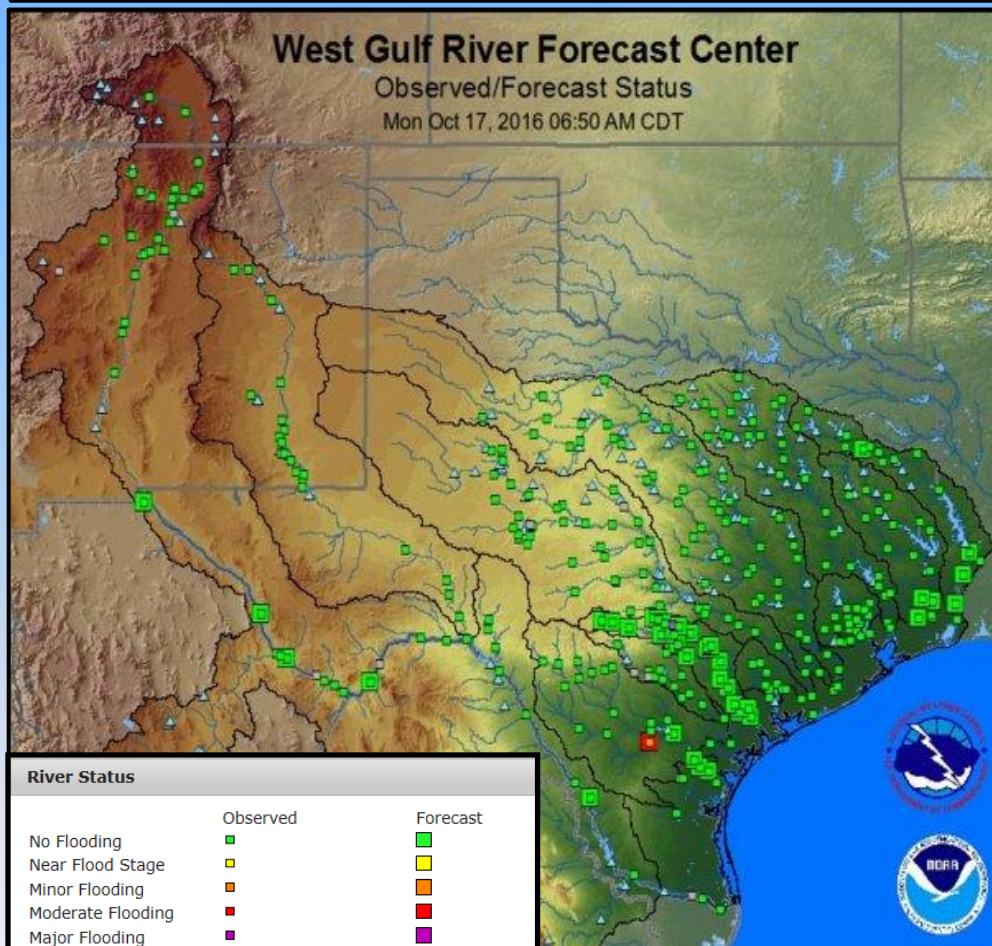
Chance of Cyclone Formation in Five Days: Low < 40% Medium 40-60% High > 60%

X indicates current disturbance location; shading indicates potential formation area.

5-Day Precipitation Forecast & River Flood Status

The Nueces River near Tilden is the only river point in Region VI that is currently in flood. It is cresting this morning in minor flood stage and is expected to drop below flood stage late today / early tomorrow.

Disclaimer: Even though the rainfall forecast image depicts 5 days of expected rainfall, river forecasts only incorporate 1-2 days worth of precipitation.



For the latest on river flooding: <http://water.weather.gov/ahps>

FEMA JFO Baton Rouge, LA



New Orleans/Baton Rouge

Above Normal Temperatures Continue

Today



Partly Cloudy
Isolated Coastal
Showers

Rain Chance:
10-20%

Highs:
83 to 88

Tonight



Fog possible
late

Rain Chance:
5-10%

Lows:
67 to 75

Tuesday



Partly Cloudy
with Isolated
Showers

Rain Chance:
10-20%

Highs:
85 to 88

**Tuesday
Night**



Mostly Clear

Rain Chance:
5-10%

Lows:
67 to 75

Wednesday



Partly Cloudy

Rain Chance:
10-20%

Highs:
85 to 88



weather.gov/NewOrleans



NWSNewOrleans



@NWSNewOrleans

10/17/2016
4:54 AM Central

See <http://www.weather.gov/lix> for the latest local forecast for Baton Rouge, LA

*FEMA Region 6 Threat Matrix

Oct 17, 2016 - Oct 21, 2016

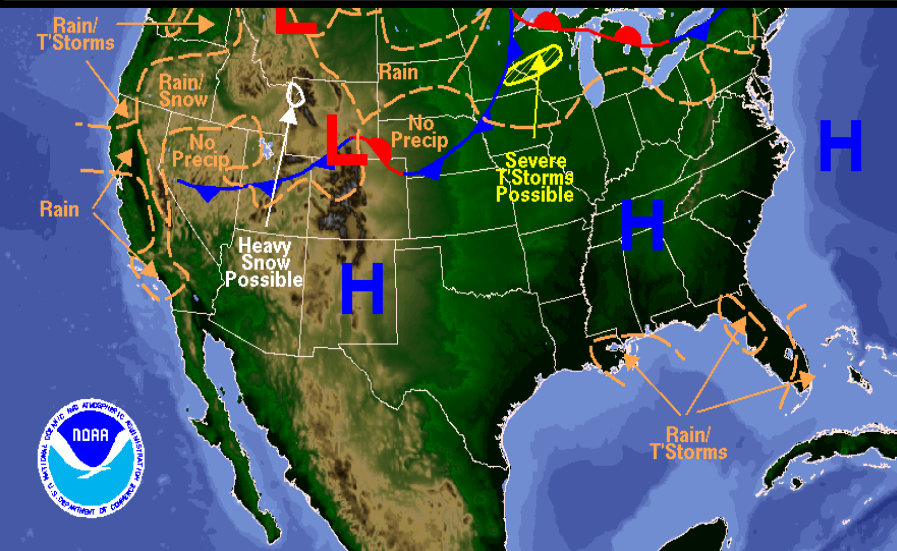
	MON	TUE	WED	THU	FRI
Severe Weather			Eastern half of the Region →		
Heavy Rain / Flash Flooding					
Tropical					
Fire Weather	E NM into TX/OK Panhandles as well as W TX/W OK	NE NM into TX/OK Panhandles			
River Flooding					

	No Weather Threats Expected
	Very Common – Happens Often
	Common – Happens Frequently
	Uncommon – A Few Times a Year
	Rare – Once Every 1-5 Years
	Very Rare – Once Every 5-10 Years

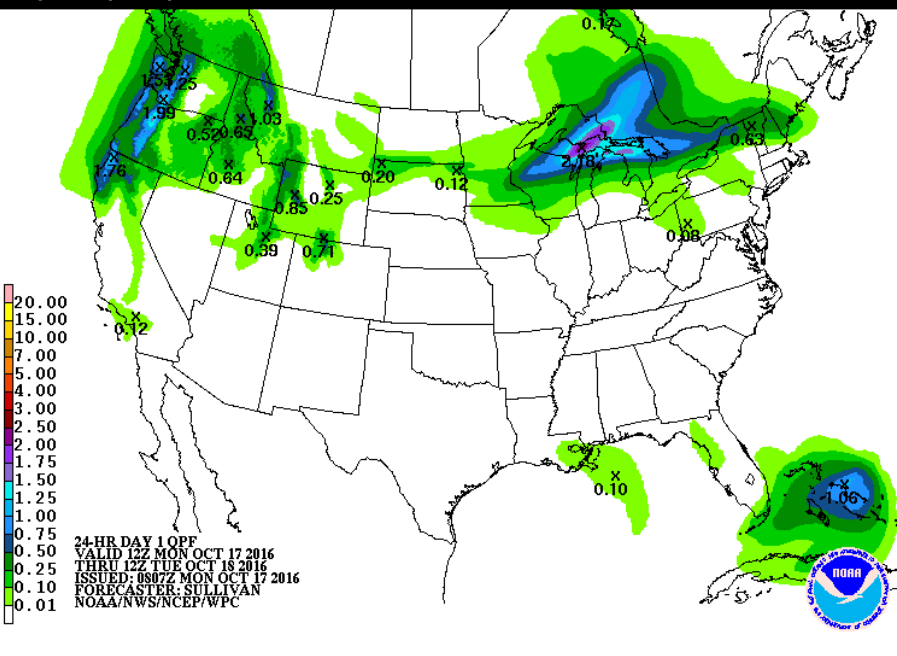
For more details on the colors in the threat matrix refer to the last slide in this briefing.



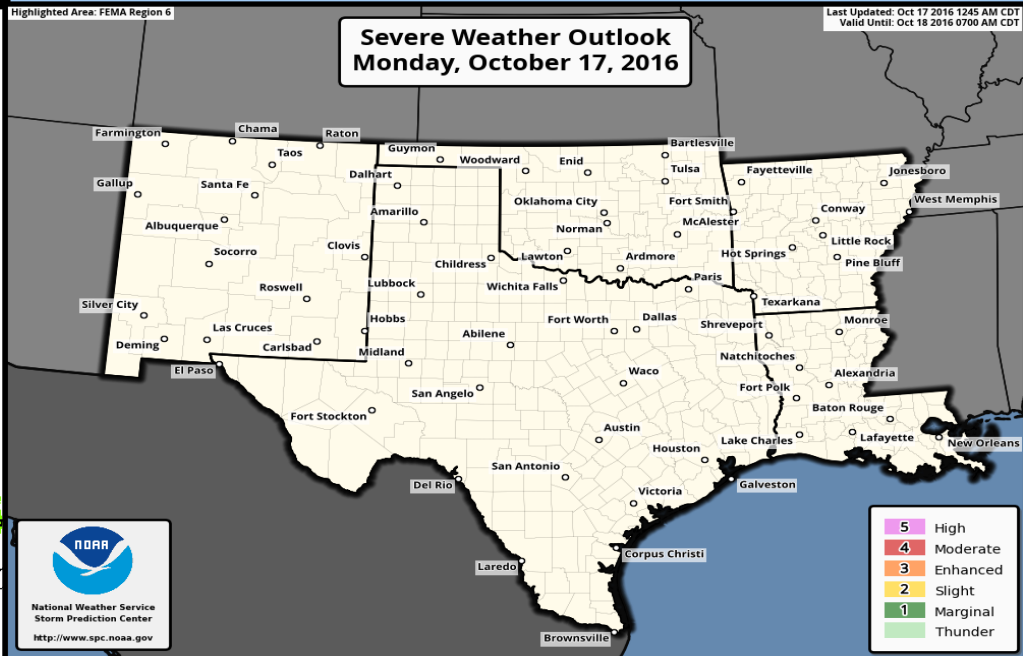
Today's Weather



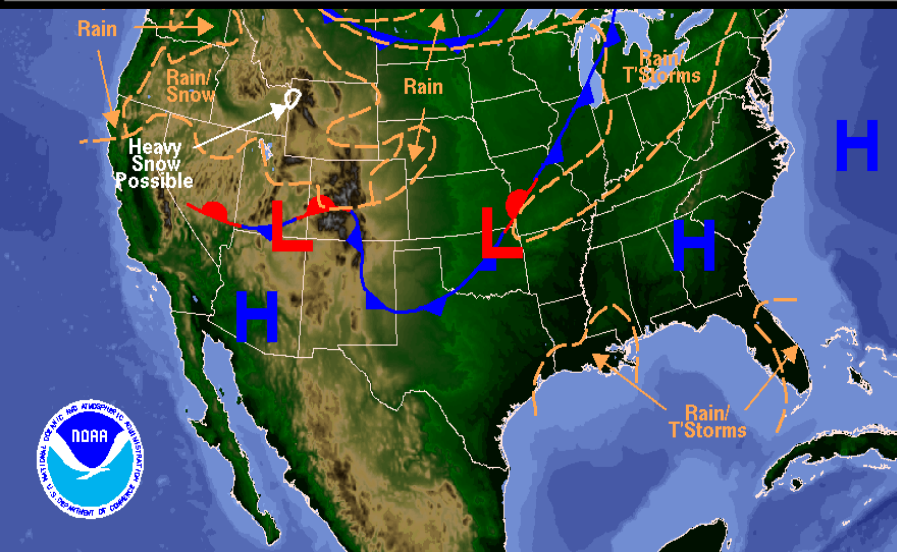
Weather Forecast for Mon, Oct 17, 2016, issued 4:17 AM EDT
DOC/NOAA/NWS/NCEP/Weather Prediction Center
Prepared by McCreynolds based on WPC, SPC and NHC forecasts



Elevated to critical Fire weather conditions across E NM into the TX/OK Panhandles as well as W OK and W TX

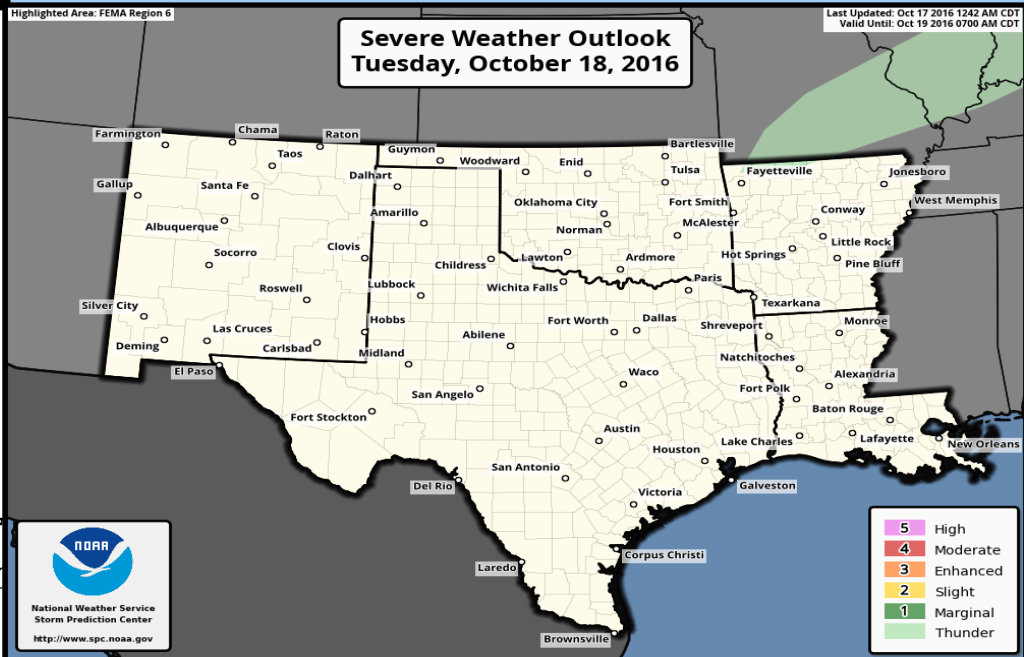
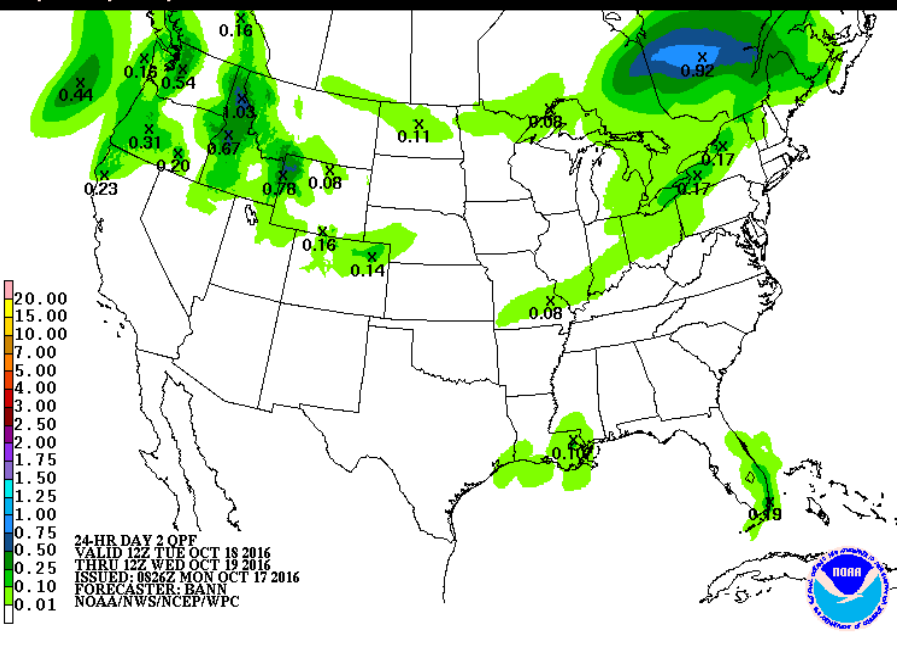


Tomorrow's Weather

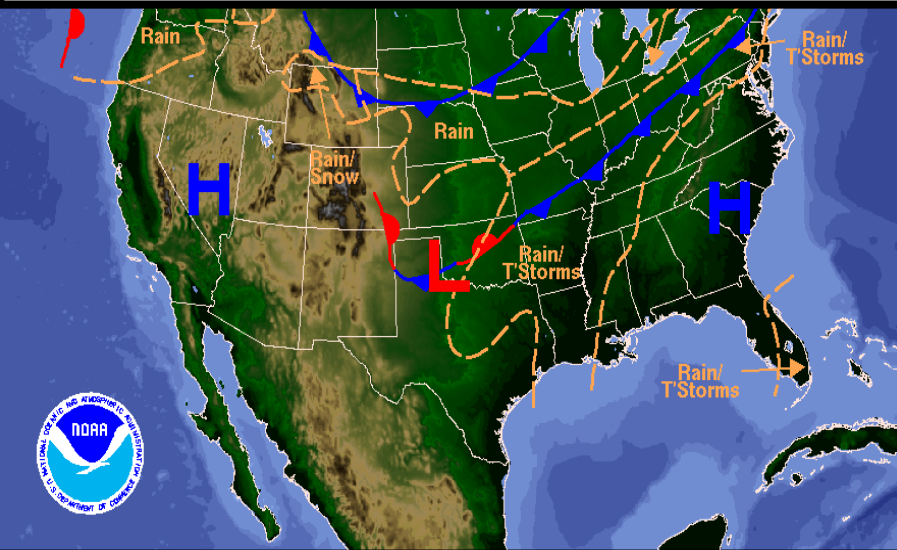


Weather Forecast for Tue, Oct 18, 2016, issued 4:28 AM EDT Mon, Oct 17, 2016
 DOC/NOAA/NWS/NCEP/Weather Prediction Center
 Prepared by McReynolds based on WPC, SPC and NHC forecasts

**Elevated to critical Fire weather
 possible across NM into the TX/OK
 Panhandles**

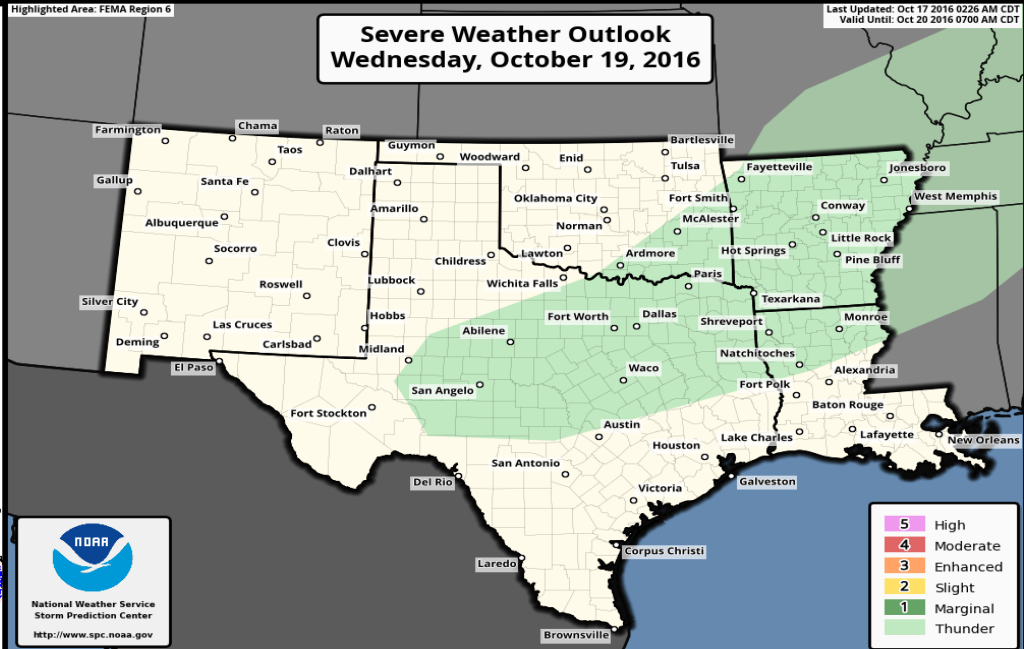
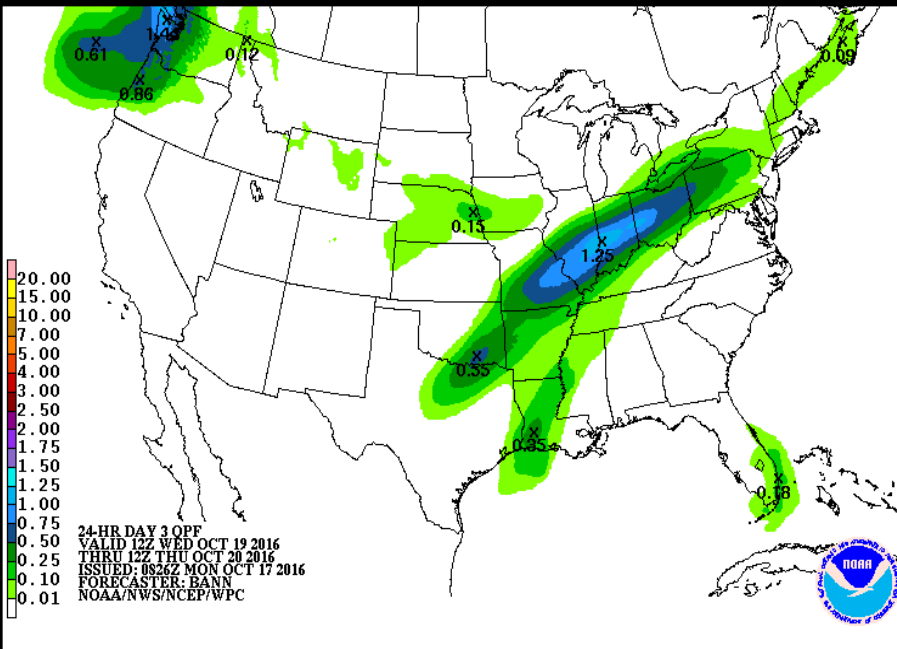


Wednesday's Weather



Weather Forecast for Wed, Oct 19, 2016, issued 4:33 AM EDT Mon, Oct 17, 2016
DOC/NOAA/NWS/NCEP/Weather Prediction Center
Prepared by McReynolds based on WPC, SPC and NHC forecasts

A cold front is will move across FEMA Region 6 Wednesday into Wednesday night. Scattered thunderstorms possible E OK, N TX, AR, and LA but severe weather is not expected









Day 4-5 Weather Hazards

Valid: 0800 Thu - 0800 Sat



Scattered showers/thunderstorms possible over the southern portions of the Region before the front moves offshore Thursday afternoon/evening

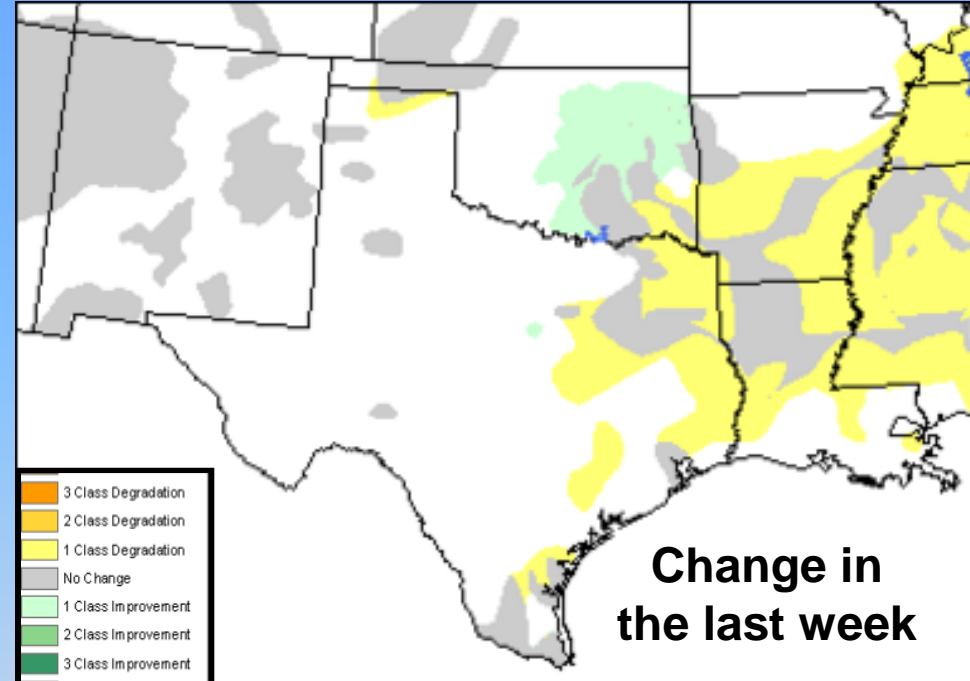
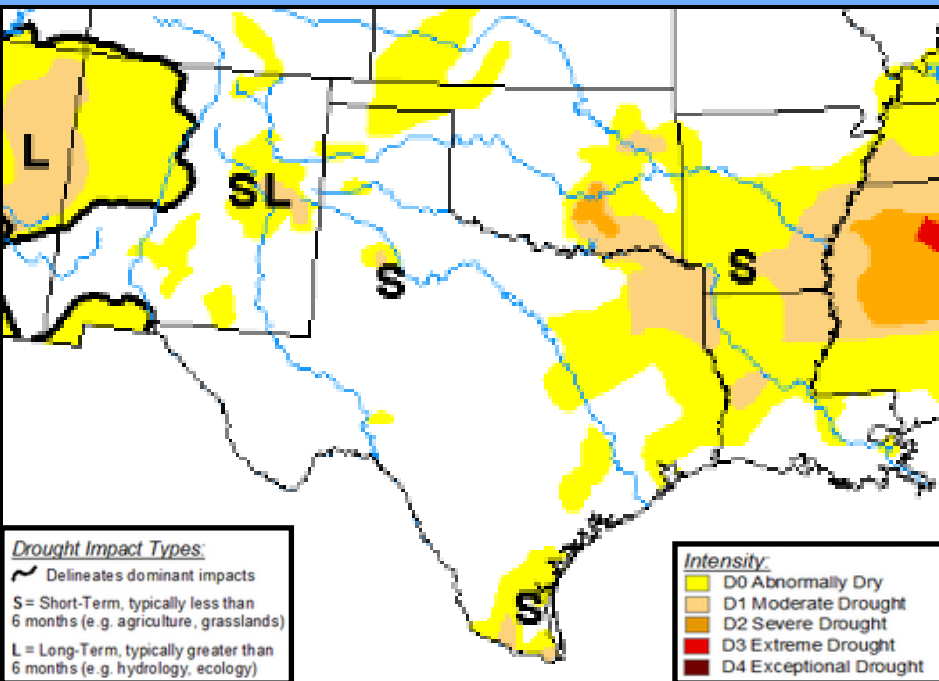
	No Weather Threats Expected
	Very Common – Happens Often
	Common – Happens Frequently
	Uncommon – A Few Times a Year
	Rare – Once Every 1-5 Years
	Very Rare – Once Every 5-10 Years

*Threat levels are based on FEMA Region 6 criteria. State or local threat level criteria may differ.



Drought Monitor Released October 13, 2016

Data valid as of 7am CDT, Tuesday October 11, 2016



Drought Conditions (Percent Area) in D3-D4 (Extreme to Exceptional Drought)

State	Current	Last Week	3 Months Ago	1 Year Ago
Oklahoma	0.00%	0.00%	0.00%	3.43%
Texas	0.00%	0.00%	0.00%	13.89%
Arkansas	0.00%	0.00%	0.00%	10.70%
Louisiana	0.00%	0.00%	0.00%	50.56%
New Mexico	0.00%	0.00%	0.00%	0.00%

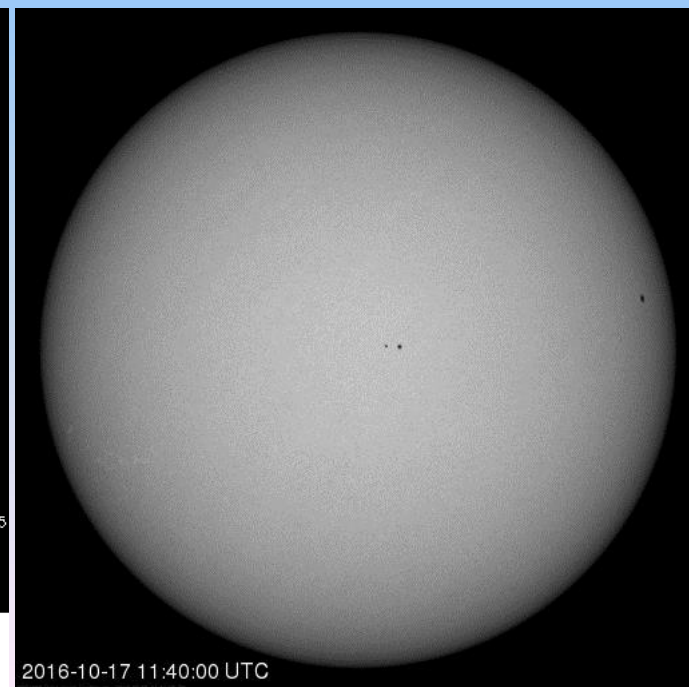
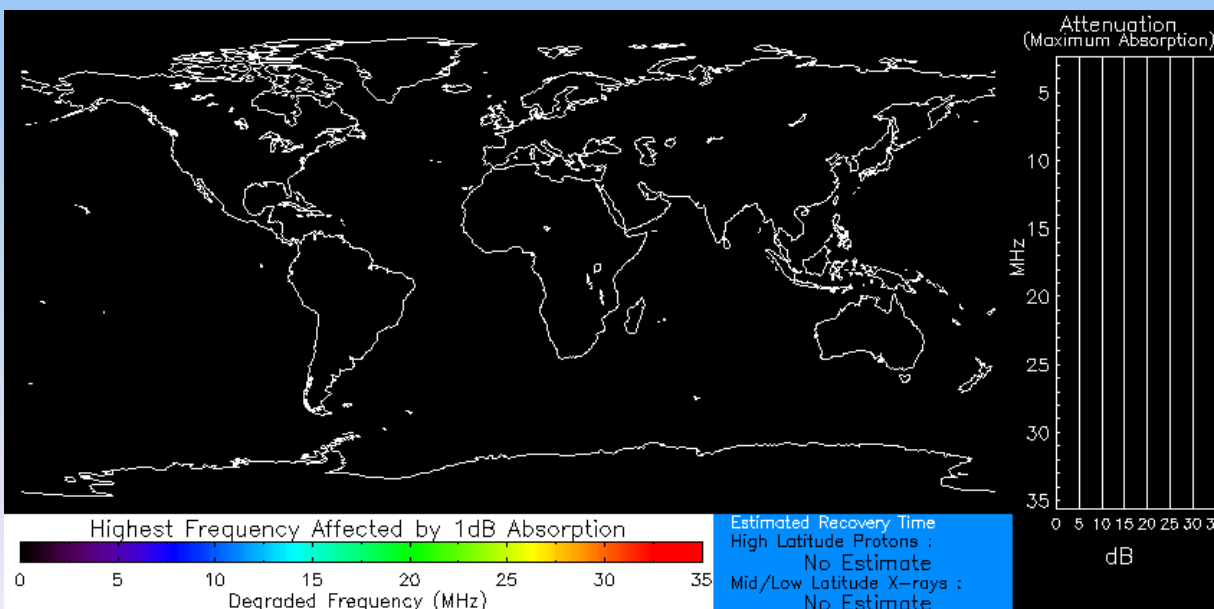
Space Weather 3-Day Forecast



	Monday	Tuesday	Wednesday
Geomagnetic Storms	Unsettled to Active (Max Kp = 4)	Unsettled to Active (Max Kp = 4)	Quiet to Unsettled (Max Kp = 3)
Solar Radiation Storm (S1-S5)	1%	1%	1%
Radio Blackout (R1-R2)	1%	1%	1%
Radio Blackout (R3-R5)	1%	1%	1%

[Click here for a Description of the Space Weather Storm Scales](#)

[Click here for the Latest 3-Day Space Weather Forecast Text](#)



Normal X-ray Background
Product Valid At : 2016-10-17 12:18 UTC

Normal Proton Background
NOAA/SWPC Boulder, CO USA

2016-10-17 11:40:00 UTC

Information provided by:



National Weather Service
Southern Region Headquarters
Regional Operations Center
Fort Worth, TX

Phone: (817) 978-1100 x147

E-mail: sr-srh.roc@noaa.gov

Web: <http://www.weather.gov/srh> (**NEW link!!**)

facebook

<https://www.facebook.com/NWSSouthern>

twitter

@NWS_Southern_US https://twitter.com/NWS_Southern_US

The criteria for the color codes in our briefings is below, please provide any feedback to sr-srh.roc@noaa.gov.



Weather "Threat" Matrix			
Color	Definition	Criteria	Example(s)
Green	Very Common Safety: Rarely a Direct Threat to Life and Property Impact Potential: Typically Results in Little Inconvenience to Daily Routines	Severe: Marginal Risk from SPC Flooding: Minor flooding expected over localized areas Tropical: None Fire Weather: No Watches/Warnings, fuel moisture above 10% or green up active	<ul style="list-style-type: none"> Thunderstorms expected over LA this afternoon; a few may produce winds to knock down a few trees Something that happens almost every day in a particular season such as <u>seabreeze</u> storms in coastal TX
Yellow	Somewhat Common – Happens Frequently Safety: Rarely a Direct Threat to Life and Property Impact Potential: Typically Results in Some Inconvenience to Daily Life	Severe: Slight Risk from SPC Flooding: Nuisance flooded expected for a widespread area, or Minor flooding expected over isolated areas Tropical: A weak tropical wave expected to move towards or near any coastline Fire Weather: Red Flag Watches/Warnings and/or SPC outlines enhanced or critical fire outlook	<ul style="list-style-type: none"> 2-3 inches of rainfall expected over central AR today and tonight; some minor (brief) street flooding possible Scattered severe storms possible, one or two tornadoes expected, along with reports of strong winds/wind damage and ~1" hail
Orange	Uncommon – A Few Times a Year Safety: Often Threatening to Life and Property, Some Damage Unavoidable Impact Potential: Typically Results in Minor Disruption to Daily Life	Severe: Enhanced Risk from SPC Flooding: Minor flooding expected over a widespread area (including urban locations), or Moderate flooding expected over isolated areas Tropical: A Tropical Storm expected to move towards or near any coastline Fire: Critical fire outlook for more than 2 consecutive days, Warnings for 2 or more consecutive days, D3-D4 drought conditions	<ul style="list-style-type: none"> A snow/sleet mix is expected to move through or near the DFW area tomorrow morning; travel impacts likely Numerous severe storms possible, a few tornadoes possible along with several reports of wind damage along with damaging hail Some large fires reported, burn bans advertised, critical conditions expected
Red	Rare – Once every 1-5 Years Safety: Extensive Property Damage Likely, Life Saving Actions Also will be Needed Impact Potential: Will likely result in Large Disruption to Daily Life	Severe: Moderate Risk from SPC Flooding: Moderate flooding expected over a widespread area (including urban locations) Tropical: A Hurricane expected to move towards or near any coastline Fire: Large areas of critical conditions for 2 or more days, Warnings for 3 or more days, Severe to extreme drought	<ul style="list-style-type: none"> A Category 1 hurricane will be moving towards the NW Gulf in the next few days Widespread severe storms likely, strong tornadoes, widespread wind damage, and destructive hail Large fires ongoing throughout the area with critical fire weather conditions expected to continue
Purple	Very Rare – Once Every 5-10 Years Safety: Property Damage Unavoidable, Immediate Action to Save Life will be Needed Impact Potential: Typically Results in Long-Lived Widespread Major Disruption to Daily Life	Severe: High Risk from SPC Flooding: Major flooding expected over a widespread area (including urban locations) Tropical: A Major Hurricane (Cat3 or greater) expected to move towards or near any coastline Fire: Large area of critical conditions for 2 or more days, Warnings for 3 or more days, Long term (months) of severe to extreme drought	<ul style="list-style-type: none"> A Category 4 hurricane is headed towards the SE LA; major storm surge, flooding and damaging winds anticipated to begin tomorrow Widespread severe storms expected, tornado outbreak probable with long-lived, very widespread and particularly intense storms